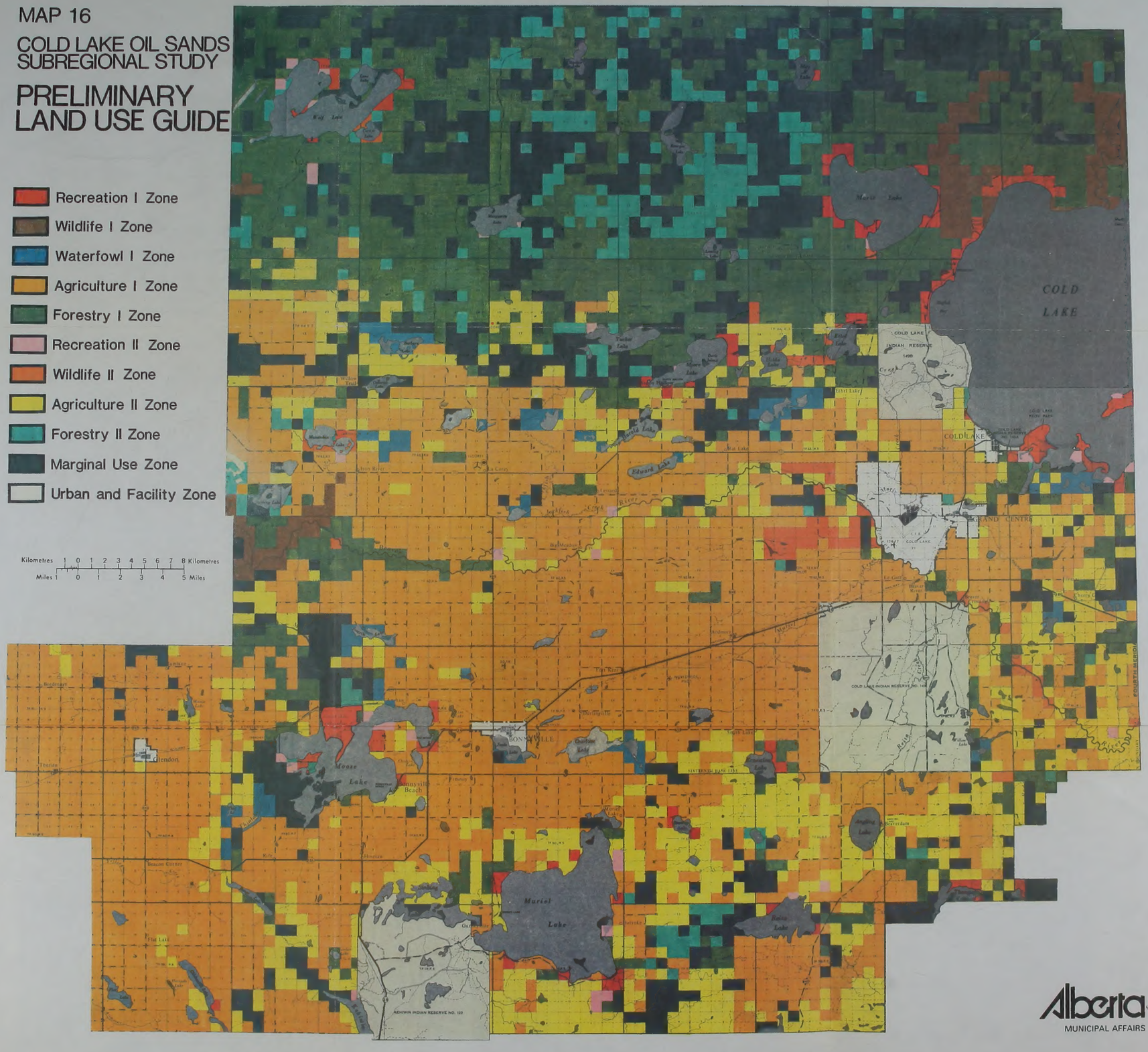
MAP 16

COLD LAKE OIL SANDS SUBREGIONAL STUDY

PRELIMINARY LAND USE GUIDE



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MAP 15

COLD LAKE OIL SANDS SUBREGIONAL STUDY

PRIORITY LAKE MANAGEMENT AREA

CAPABILITY:

- CLASS 1-Very High - Intensive use
- CLASS 2 - High - Intensive use
- CLASS 3 - Moderately High - Intensive or moderately intensive use

SUITABILITY:

- A fishing
- B family bathing and/or beach activities
- D swimming, boat launch or mooring
- K organized camping
- N recreational lodging and cottaging
- V viewing point
- Y access to family boating waters

Source : Canada Land Inventory

Kilometres 1 0 1 2 Kilometres
Miles 1 0 1 Miles

2SNDB
3SNYA
3SYDK
3SNBY
3SBKY
3SNYB
3SNYB
3SBKY
1SBKY
3SNY
2SBKY
3SNBY
IMPERIAL PILOT
IMPERIAL PILOT
2SBK
3SNYA
3SNDA
3SKYB
2SBDK
3SNYB
3SNYB
3SBKY
3SNYB
3SNYA
3SNYA
3SNDB
2SBKY
3SBKY
3SBKY
3SYDK
3SNYB
UNION TEXAS PILOT
Tucker Lake
Lake
Leming Lake
Ethel Lake
Moore Lake
Doris Island
Harold Lake
Edward Lake
Mahoney Lake
Jackfish Creek
Lessard Creek
Big Meadow
RIVER
Seventeen Mile Line
Cut Line
Gas Wells
Gravel Pit
Tower
BM 1799
BM 1809

2SNDB
3SNYA
3SYDK
3SNBY
3SBKY
3SNYB
3SNYA
1SBKY
3SNBY
3SNYA
MARIE
LAKE
3SNYB
3SBKY
1SBKD
3SNYB
3SBKY
1SBKY
3SNYA
1SBKY
3SNYB
2SBKY
3SNBY
3SNYA
3SNYA
3SNYB
IMPERIAL PILOT
Seventeenth Base Line
1SBKY
2SBKY
3SNYA
3SNDA
3SNYB
1SBKY
3SNYB
1SBKY
3SNYB
2SBKY
3SNYB
3SBKY
ENGLISH
2SBYK
IMPERIAL PILOT
2SBKD
1SBKY BAY
2SBKY
3SNYB
3SNBY
3SNYB
3SNYA
3SNDA
Ethel
Lake
COLD LAKE
INDIAN RESERVE
149B
COLD
LAKE
1756±
1SBKY
2SBKY
3SNYA
3SNYB
3SNDB
3SNYA
3SBKY
3SNYA
Murray Island
2SNBD
3SNYB
COLD LAKE INDIAN RESERVE
149B
3SNYA
2SBKY
3SNYA
3SKYB
2SBKY
1756±
3SNYA
2SBKY
Cold Lake
3SBKY
3SNYA
2SYDK
3SBYK
3SBKY
3SNYA
1SBKY
3SNYA
2SBKY
C F B
COLD LAKE
Grand Centre
BEAVER
RIVER
Beaver River
CANADIAN NATIONAL
Beaver Crossing
Cherry Grike
3SBKY
1SBKY
3SBYK
3SNVY
3SNBY
2SBKY

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MAP 14

COLD LAKE OIL SANDS SUBREGIONAL STUDY

LAKESHORE RECREATION CAPABILITY INVENTORY

Class 1 : Very High Capability- Intensive use

Class 2 : High Capability -Intensive use

Class 3 : ModeratelyHigh Capability - Intensive or moderately intensive use

Source: Canada Land Inventory

Kilometres 1 0 1 2 3 4 5 6 7 8 Kilometres
Miles 1 0 1 2 3 4 5 Miles

R7 R6 R5 R4

R9 R8

WOLF LAKE
Lane Lake
Corner Lake
Sinclair Lake
B.P. EXPLORATION PILOT
Bourque Lake
Marguerite Lake
Barbara Lake
Osborne Lake
Tucker Lake
Moore Lake
Harold Lake
Manatokan Lake
Edward Lake
Stebbing Lake
BEAVER
Forsyth Lake
Mooselake River
28
WORLDWIDE PILOT
Minnie Lake
Glendon
MOOSE LAKE
Jessie Lake
Bonnyville
Charlotte Lake
Thinlake River
Landry Lake
Beartrap Lake
28A
Bangs Lake
Sinking Lake
MURIEL LAKE
Kehiwin Indian Reserve No.123
Chickenhill Lake
Flat Lake
Kehiwin Lake

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R5 R4 R3 R2 R1

T66 T65 T64 T63 T62 T61 T60 T59

Sinclair Lake
May Lake
B.P. EXPLORATION PILOT
Bourque Lake
Medley River
NORCEN PILOT
Martineau River
MARIE LAKE
Marguerite Lake
Leming Lake
IMPERIAL PILOT
GULF PILOT
COLD LAKE
IMPERIAL PILOT
Barbara Lake
Tucker Lake
Moore Lake
Hilda Lake
Ethel Lake
Cold Lake Indian Reserve No.149b
Maloney Lake
Harold Lake
Cold Lake
Cold Lake Indian Reserve No.149a
Edward Lake
RIVER
C.F.B. Grand Centre
Cold Lake
UNION TEXAS PILOT
28
WORLDWIDE PILOT
Cold Lake Indian Reserve No.149
CHEVRON PILOT
Jessie Lake
Bonnyville
Charlotte Lake
Ernestina Lake
Landry Lake
Beartrap Lake
Angling Lake
Sinking Lake
MURIEL LAKE
Reita Lake
Thompson Lakes
Soars Lake
ehiwin
eserve No.123

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MAP 11

COLD LAKE OIL SANDS SUBREGIONAL STUDY

TRANSPORTATION SYSTEM AND ROAD CONDITIONS

Highways:
- Paved
- Gravelled

Roads:
- Paved
- Graded and gravelled / good
- Graded and gravelled / fair/poor
- Graded / fair/poor

	GRANDROSE	BEAVER CROSSING	BONNYVILLE	B.P. PILOT	CHERRY GROVE	COLD LAKE	ETHEL LAKE	HILDA LAKE	FORT KENT	GLENDON	GRAND CENTRE	GULF PILOT	IRON RIVER	LA COREY	LEMING LAKE PILOT	LESSARD	MARIE LAKE	MEDLEY	MOORE LAKE	MOOSE LAKE	MURIEL LAKE
BEAVER CROSSING	19 18	-																			
BONNYVILLE	19 18	38 34	-																		
B.P. PILOT	67 48	84 62	58 36	-																	
CHERRY GROVE	28 17	9 8	47 28	87 54	-																
COLD LAKE	33 21	14 9	52 33	76 47	21 13	-															
ETHEL a LAKE	36 22	31 19	55 34	78 48	40 25	23 14	-														
HILDA a LAKE	21 13	27 17	46 29	67 42	39 24	24 15	8 5	-													
FORT KENT	8 5	27 17	11 7	63 39	36 22	41 26	44 27	35 22	-												
GLENDON	46 29	65 40	33 21	91 57	74 46	79 49	82 51	83 52	38 24	-											
GRAND CENTRE	25 16	6 4	44 27	77 48	15 9	8 5	25 16	24 15	33 21	71 44	-										
GULF PILOT	53 33	53 33	72 45	92 57	53 33	44 27	17 11	30 19	61 38	109 68	46 28	-									
IRON RIVER	42 26	57 35	31 19	47 29	60 37	49 30	51 32	39 24	36 22	64 40	51 32	65 40	-								
LA COREY	32 20	47 29	21 13	37 23	50 31	39 24	41 25	29 18	26 16	54 34	41 25	55 34	10 6	-							
LEMING LAKE PILOT	43 27	40 25	62 39	83 52	47 29	32 20	9 6	16 10	51 32	99 62	34 21	26 16	55 34	45 28	-						
LESSARD	22 14	40 25	30 19	47 29	44 27	32 20	33 21	22 14	19 12	64 40	34 21	48 29	20 12	10 6	38 24	-					
MARIE b LAKE	41 25	39 24	66 41	87 54	47 29	32 20	13 8	22 14	55 34	103 64	34 21	8 5	59 37	49 30	25 16	42 26	-				
MEDLEY	29 18	10 6	48 30	73 46	19 12	12 7	20 12	28 17	37 23	90 56	4 2	38 24	46 29	36 22	28 17	29 18	28 17	-			
MOORE c LAKE	24 15	38 24	41 25	57 35	47 29	30 19	31 19	15 9	31 19	74 46	32 20	45 28	30 19	20 12	30 19	12 7	40 25	27 17	-		
MOOSE d LAKE	25 16	44 27	6 4	63 40	53 33	58 36	61 38	50 31	17 11	36 22	50 31	78 48	35 22	25 16	68 42	34 21	72 45	54 34	45 28	-	
MURIEL LAKE	35 22	54 34	18 11	75 47	61 38	68 42	79 49	56 35	27 17	47 29	60 37	90 56	48 30	38 24	22 14	48 30	84 52	66 41	58 36	18 11	-
TUCKER e LAKE	37 23	55 34	40 25	48 30	64 40	47 29	49 30	37 23	37 23	73 45	49 30	64 40	29 18	19 12	52 32	18 11	57 35	44 27	20 12	44 27	57 35

Notes (a) at campground (b) cottage subdivision (c) Happy Hollow (d) Vezeau Beach (e) west end of lake

Distances in KILOMETRES / MILES

Source: Alberta Transportation, Updated by Planning Services Division, Dept. of Municipal Affairs

Kilometres 1 0 1 2 3 4 5 6 7 8 Kilometres

Miles 1 0 1 2 3 4 5 Miles

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COLD LAKE

Marie Lake

Sinclair Lake

May Lake

Bourque Lake

Marguerite Lake

Leming Lake

SEVENTEENTH BASE LINE

Bank Bay

English Bay

Murray Island

Marie Creek

Medley

Marieneau River

PROVINCE OF ALBERTA

LaCOREY

Barbara Lake

Tucker Lake

Doris Island

Moore Lake

Hilda Lake

Ethel Lake

HAPPY HOLLOW

Happy Hollow

Ethel Lake

COLD LAKE INDIAN RESERVE NO. 149B

Maloney Lake

Cold Lake

COLD LAKE INDIAN RESERVE NO. 149A

COLD LAKE

Harold Lake

Rat Lake

55

Edward Lake

La Corey

Jackfish Creek

Lessard River

African Lake

Fontaine Lake

GRAND CENTRE

Beaver River

Beaver Crossing

Cherry Grove

890

892

28

28X

Ardmore

Muriel Lake

30-18

Fort Kent

897

660

Anshaw

Lizo Lake

Barreyre Lake

Durlingville

659

Dicleton

Smith Lake

BONNYVILLE

Jessie Lake

Charlotte Lake

Willow Lake

Reita River

Ernestina Lake

SIXTEENTH BASE LINE

Bonnyville Beach

Fresnoy

Muriel Lake

Landry Lake

Beartrap Lake

Angling Lake

Beaverdam

891

Sinking Lake

Muriel Lake

Guimondville

Holyoke

Reita Lake

Thompson Lakes

657

KEHIWIN INDIAN RESERVE NO. 123

Jerome

FOURTH MERIDIAN

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MAP 9

C of T
108-Z-147

C of T.
A
C. of T.
C. of T.
C. of T.
C. of T.
5 1
6 4 1
C of T
C of T
A
Br.
B
Pk.
563 B.M.
Lot B
12 7
13 18
6 5
4
1
A
B
D
D
C
13 18
2
12 O.P.W. 7
1
6
4 A 3
5 5
HIGHWAY STREET
F
B.M. 124
HIGHWAY No. 28
986 L.Z.
Lot C
C of T
211-V-237
C of T
110-Q-241
P
Park
B.M. 124 K.S.
25
61-5-4
275 K.S.
NUISANCE
GROUNDS
DRA

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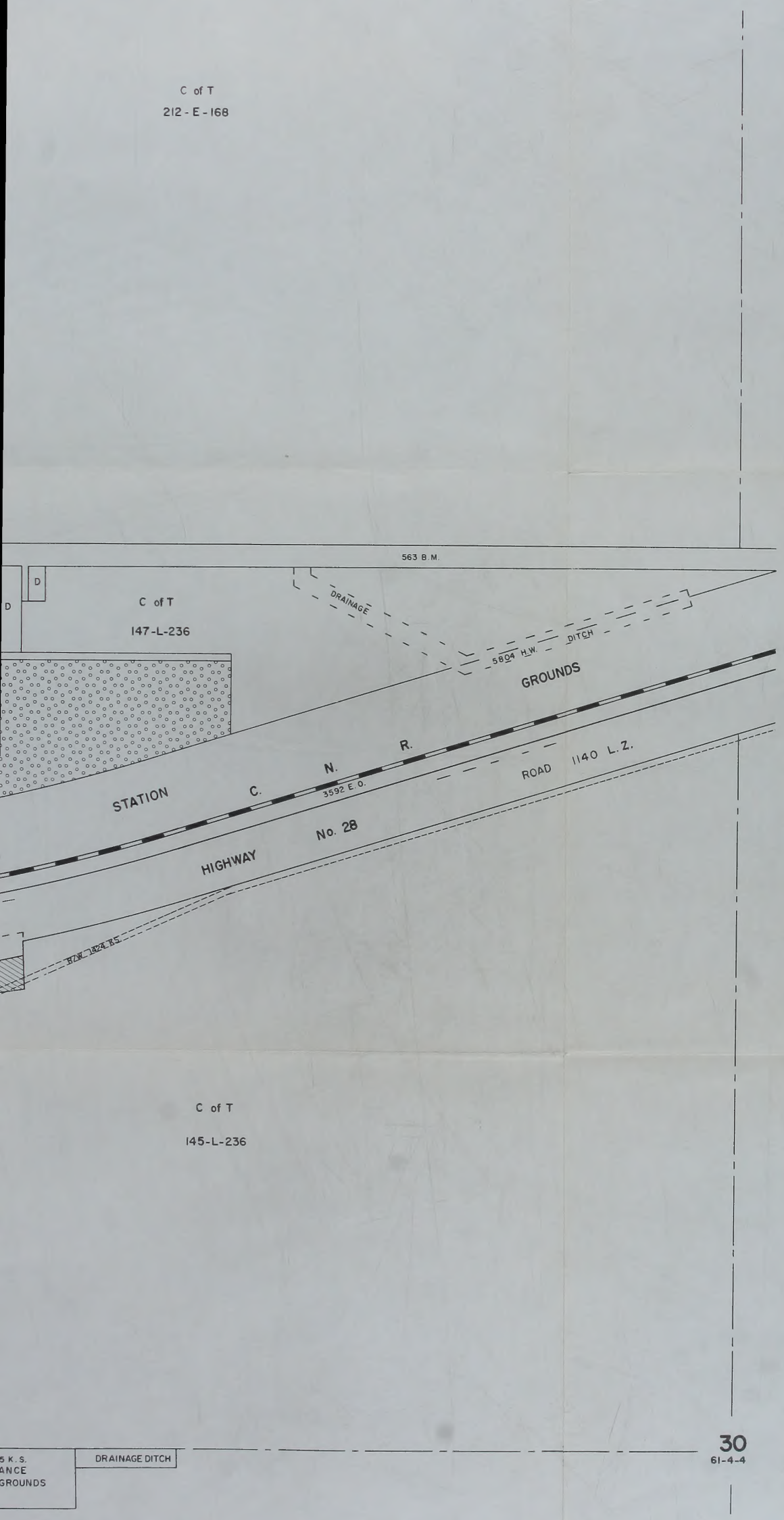

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COLD LAKE OIL SANDS SUBREGIONAL STUDY

land use

RESIDENTIAL: SINGLE - FAMILY

MOBILE HOME

MULTI - FAMILY

COMMERCIAL: PRIMARY

SECONDARY

INDUSTRIAL

PUBLIC/INSTITUTIONAL

RECREATION/OPEN SPACE

VACANT

FORT KENT

PRODUCED BY: PROVINCIAL PLANNING DIVISION, SUPPORT SERVICES BRANCH

Meters 25 0 50 100 150 200 250 Meters
Feet 50 0 250 500 250 Feet

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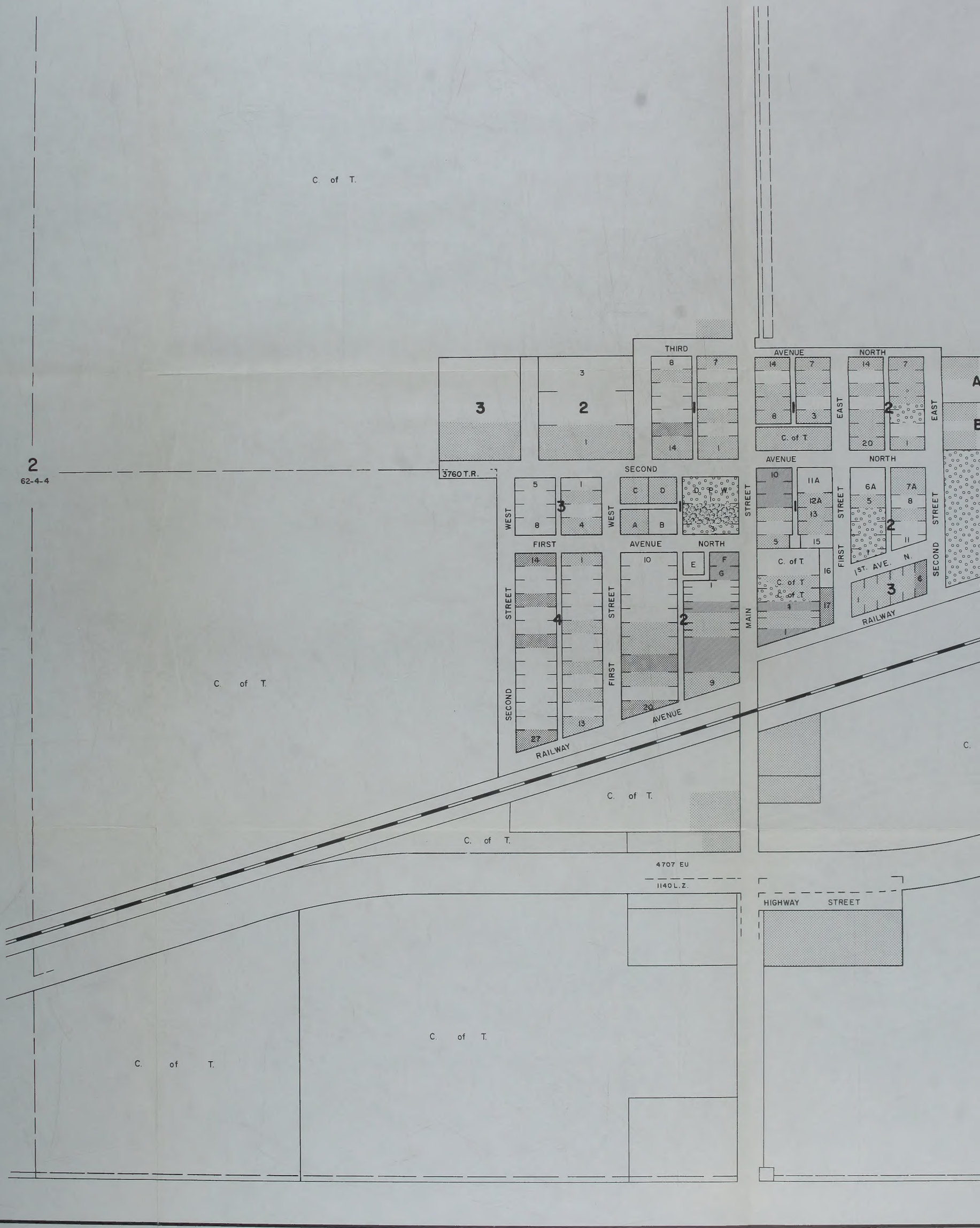
MAP 8


C. of T.
2
62-4-4
3760 T.R.
THIRD
AVENUE
NORTH
EAST
SECOND
WEST
STREET
FIRST
MAIN
RAILWAY
1ST. AVE. N.
4707 EU
1140 L.Z.
HIGHWAY
STREET

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C. of T

A

B

C

D

E

F

4

3464 E.U.

7A

8

11

N.

SECOND STREET EAST

AVENUE

C. N. R.

3592 E.O.

1879 L.Z.

HIGHWAY NO. 28

C. of T.

C. of T.

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COLD LAKE OIL SANDS SUBREGIONAL STUDY

land use

RESIDENTIAL: SINGLE-FAMILY

MOBILE HOME

MULTI-FAMILY

COMMERCIAL: PRIMARY

SECONDARY

INDUSTRIAL

PUBLIC/INSTITUTIONAL

RECREATION/OPEN SPACE

VACANT

ARDMORE

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Meters 25 0 50 100 150 200 250 Meters

Feet 50 0 250 500 250 Feet

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MAP 7

13
18
BLK 2
BLK 4
BLK 1
52 AVEN.E
50th AVENUE
635 J.Y
GROUNDS
Lot D
12
7
J E S S I E

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COLD LAKE OIL SANDS SUBREGIONAL STUDY

land use

RESIDENTIAL: SINGLE-FAMILY

MOBILE HOME

MULTI-FAMILY

COMMERCIAL: PRIMARY

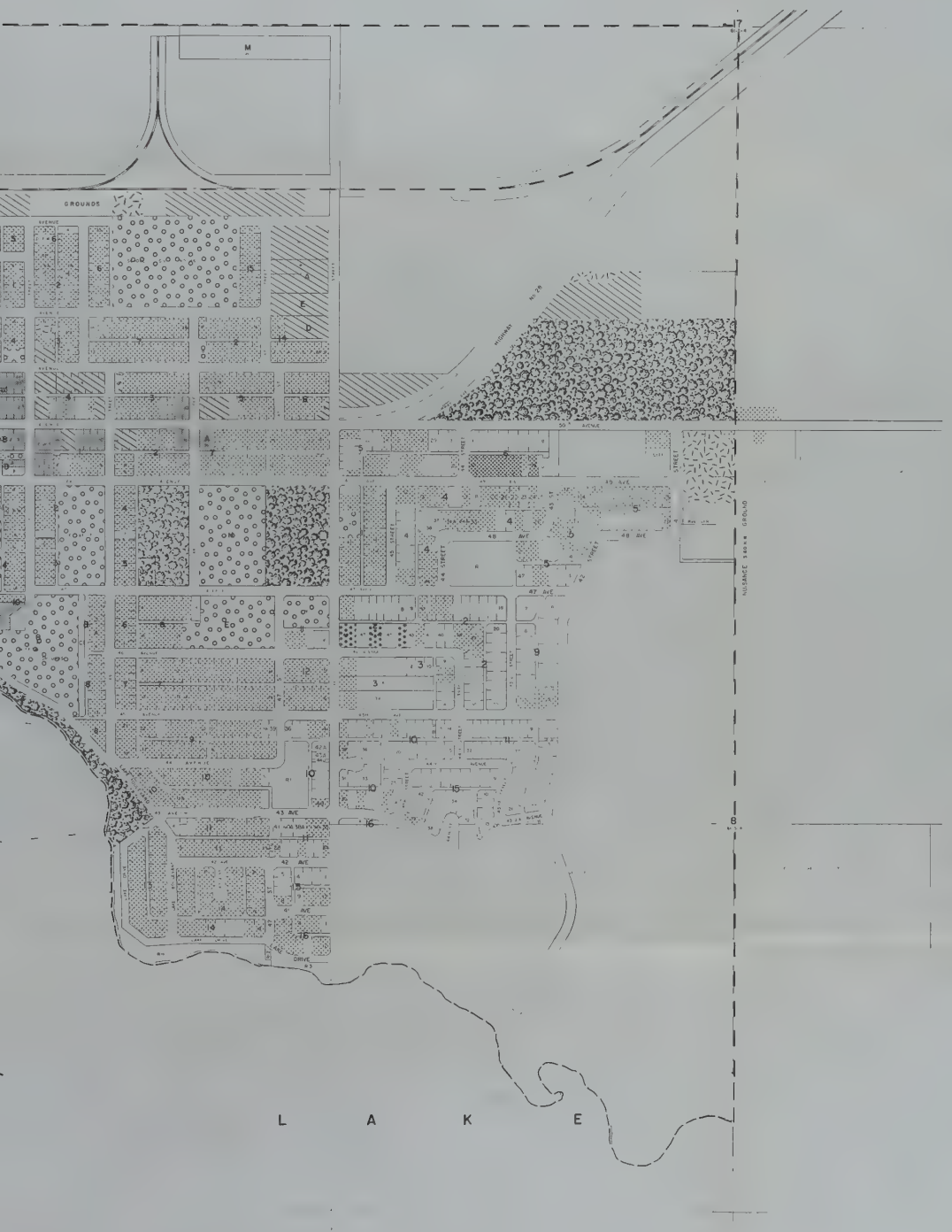
SECONDARY

INDUSTRIAL

PUBLIC/INSTITUTIONAL

RECREATION/OPEN SPACE

VACANT



BONNYVILLE

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Meters 100 0 100 200 300 400 500 Meters
Feet 500 0 1000 2000 Feet

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MAP 6

NO PATENT
BLK A
CANADIAN
FORCES
BASE
COLD LAKE
PARCEL B
PARCEL B
TOWN OF GRAND CENTRE
*TOWN OF GRAND CENTER
CENTRAL AVENUE SOUTH
R3
R4
52nd AVENUE
53rd AVENUE
54th AVENUE
46 AVE
49 AVENUE
MAIN STREET
1 STREET
HIGHWAY

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3 of 6

Alberta
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COLD LAKE OIL SANDS SUBREGIONAL STUDY

land use

RESIDENTIAL: SINGLE-FAMILY

MOBILE HOME

MULTI-FAMILY

COMMERCIAL: PRIMARY

SECONDARY

INDUSTRIAL

PUBLIC/INSTITUTIONAL

RECREATION/OPEN SPACE

VACANT

GRAND CENTRE

PRODUCED BY: PROVINCIAL PLANNING DIVISION, SUPPORT SERVICES BRANCH

Meters 100 0 100 200 300 400 500 Meters
Feet 500 0 1000 2000 Feet

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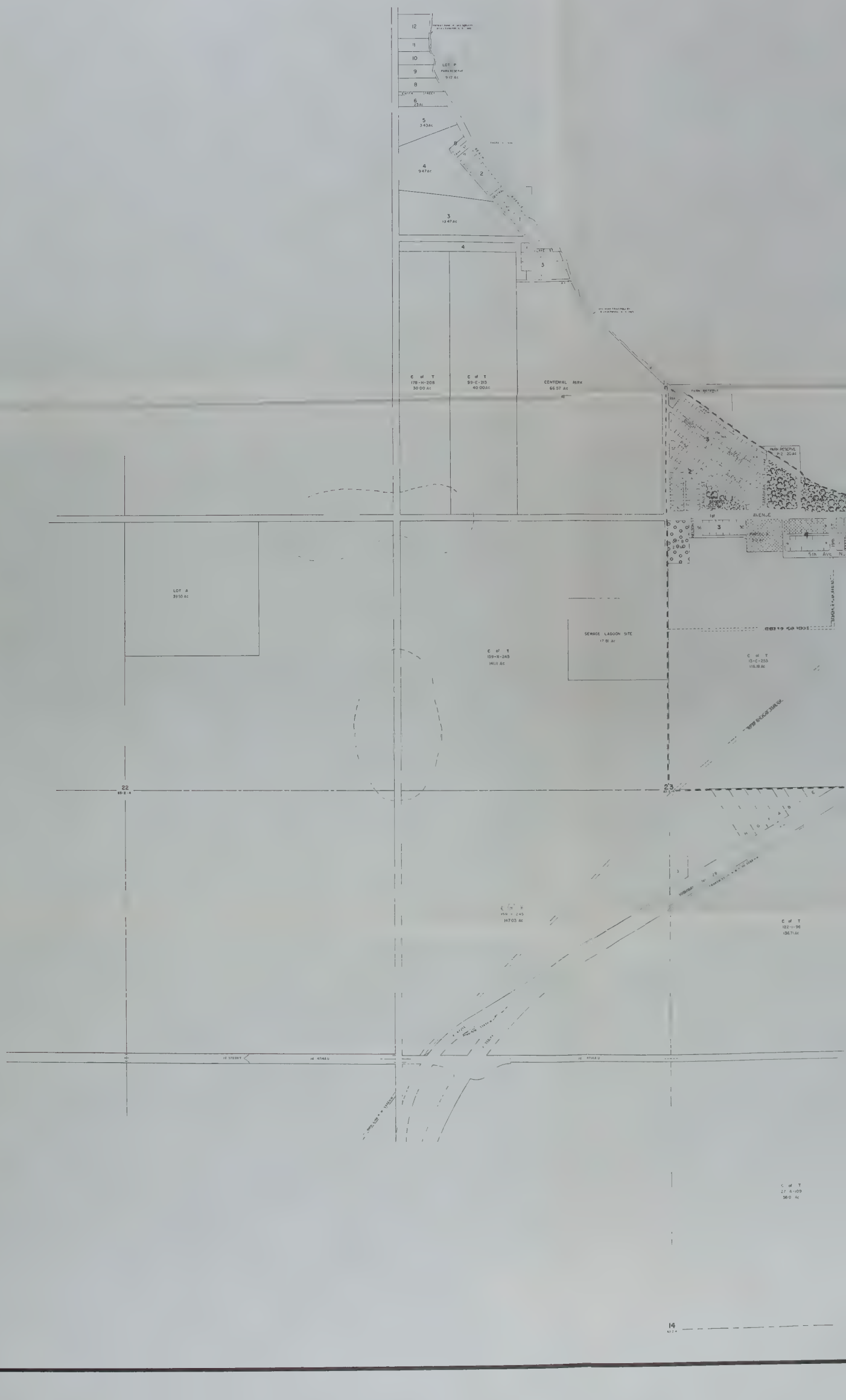
MAP 5


12
11
10
9
8
6
23 Ac
5
3 43 Ac
4
9 47 Ac
2
3
13 47 Ac
LOT P
9 12 Ac
4
3
C of T
178-H-208
30 00 Ac
C of T
99-C-213
40 00 Ac
CENTENNIAL PARK
66 57 Ac
PARK RESERVE
P-2 20 Ac
1st AVENUE
5th Ave N
LOT A
39 93 Ac
SEWAGE LAGOON SITE
17 81 Ac
C of T
159-K-245
141 11 Ac
C of T
13-C-253
115 18 Ac
22
23
C of T
159-K-245
147 03 Ac
C of T
122-11-96
136 71 Ac
C of T
27 A-109
56 0 Ac
14

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COLD LAKE OIL SANDS SUBREGIONAL STUDY

land use

RESIDENTIAL: SINGLE-FAMILY

MOBILE HOME

MULTI-FAMILY

COMMERCIAL: PRIMARY

SECONDARY

INDUSTRIAL

PUBLIC/INSTITUTIONAL

RECREATION/OPEN SPACE

VACANT

COLD LAKE

PRODUCED BY: PROVINCIAL PLANNING DIVISION, SUPPORT SERVICES BRANCH

Meters 100 0 100 200 300 400 500 Meters
Feet 500 0 1000 2000 Feet

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MAP 2

COLD LAKE OILSANDS SUBREGIONAL STUDY

LAND OWNERSHIP

Patented Land

Vacant Crown Land

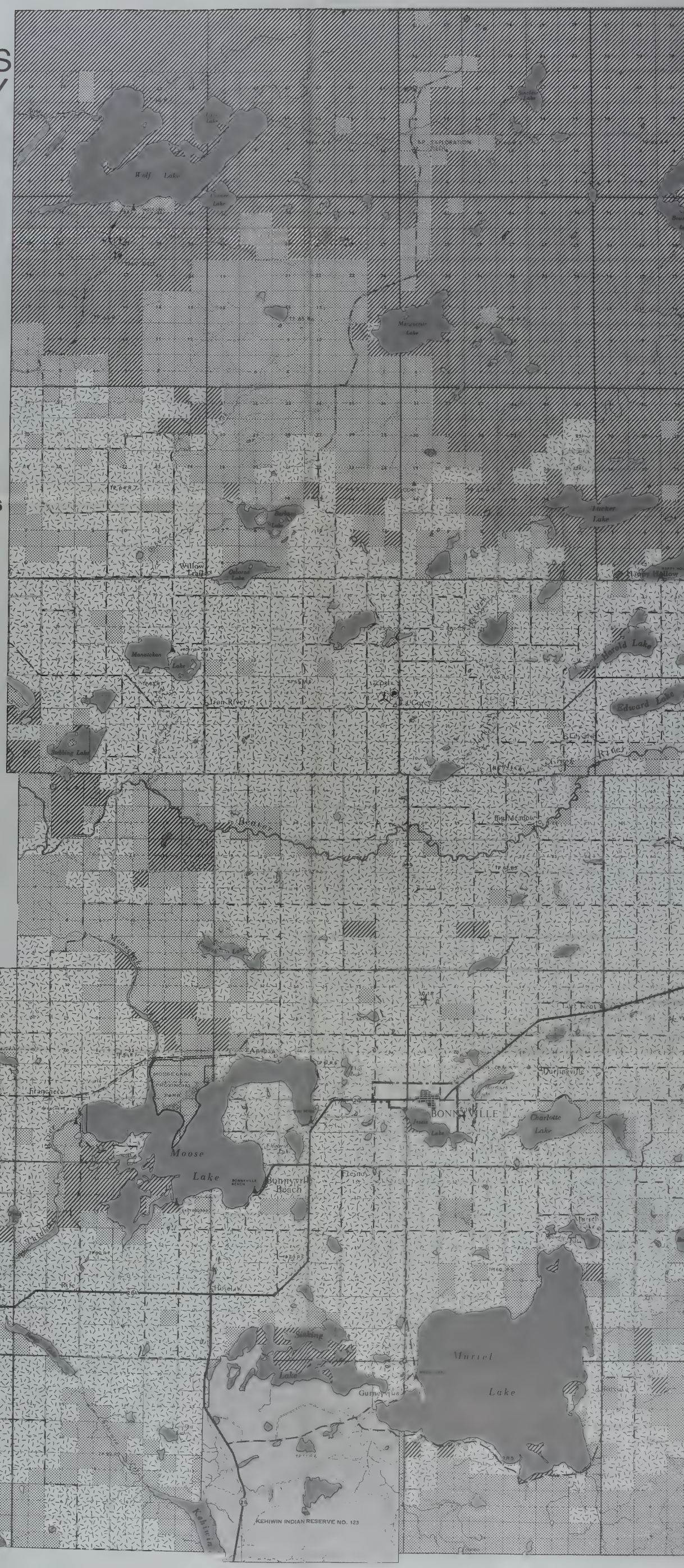
Committed Crown Land

Urban and Facility Zones

Source : Dept. of Energy and Natural Resources, Lands Division

Kilometres 1 0 1 2 3 4 5 6 7 8 Kilometres

Miles 1 0 1 2 3 4 5 Miles



Marie Lake

COLD LAKE

COLD LAKE INDIAN RESERVE 149B

COLD LAKE INDIAN RESERVE NO. 149

COLD LAKE INDIAN RESERVE NO 149A

COLD LAKE PROV PARK

COLD LAKE

GRAND CENTRE

CFB COLD LAKE

Marguerite Lake

Sunrise Lake

Mary Lake

Bourque Lake

Lemieux Lake

Murre Island

English Bay

Tucker Lake

Ethel Lake

Hilda Lake

Moore Lake

Dixon Island

Mary Hallow

Creek

Herald Lake

Edward Lake

Muriel Lake

Reita Lake

Angling Lake

Thompson Lakes

Willow Lake

Ernestina Lake

Charlotte Lake

Jessie Lake

South Lake

Beaver River

Cherry Creek

Bonnyville

Duclerville

Ardmore

Elk Point

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MAP 1

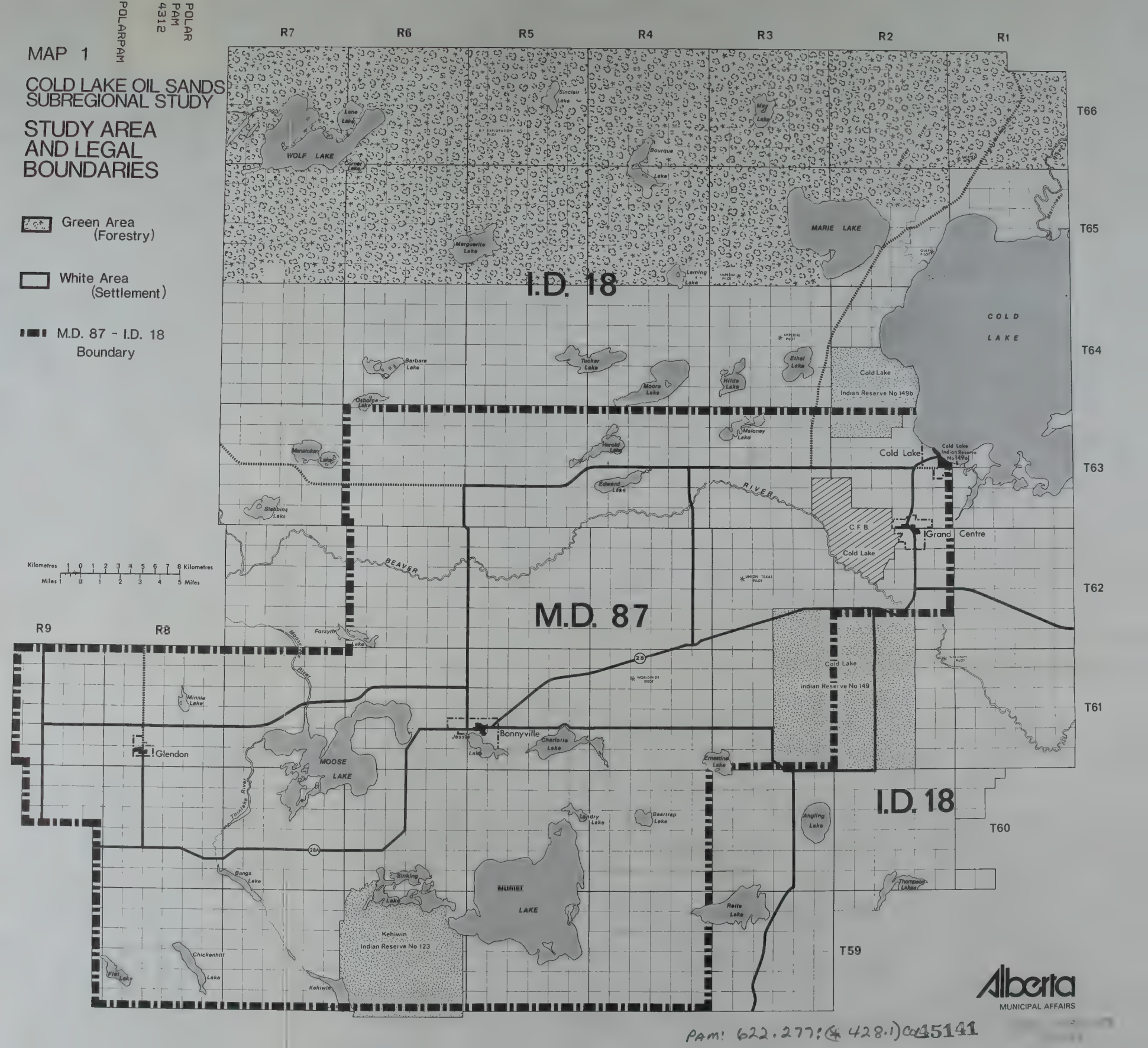
COLD LAKE OIL SANDS SUBREGIONAL STUDY

STUDY AREA AND LEGAL BOUNDARIES

Green Area (Forestry)

White Area (Settlement)

M.D. 87 - I.D. 18 Boundary



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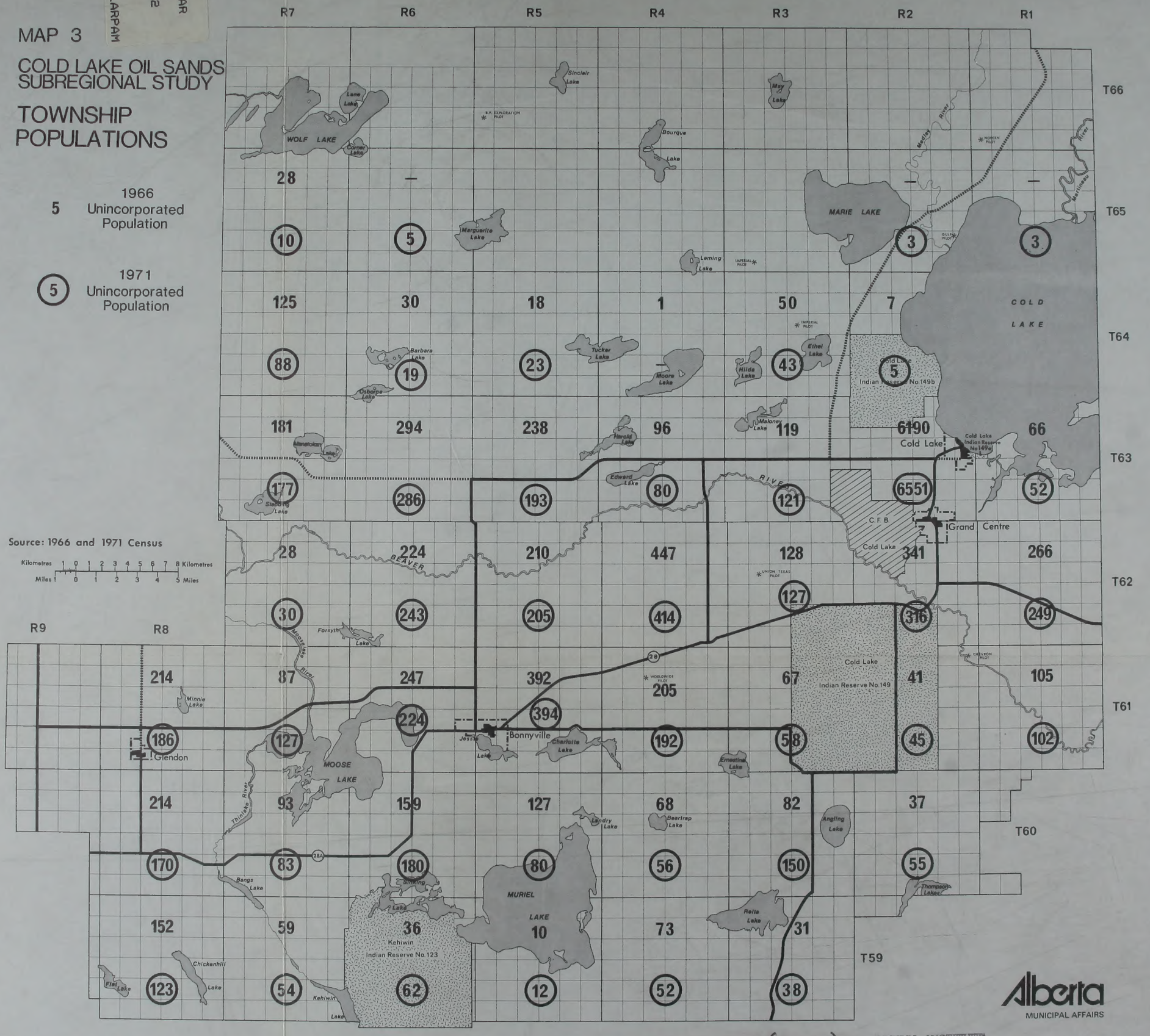
MAP 3

COLD LAKE OIL SANDS SUBREGIONAL STUDY

TOWNSHIP POPULATIONS

5 1966 Unincorporated Population

(5) 1971 Unincorporated Population



Source: 1966 and 1971 Census

Kilometres 0 1 2 3 4 5 6 7 8 Kilometres
Miles 1 0 1 2 3 4 5 Miles

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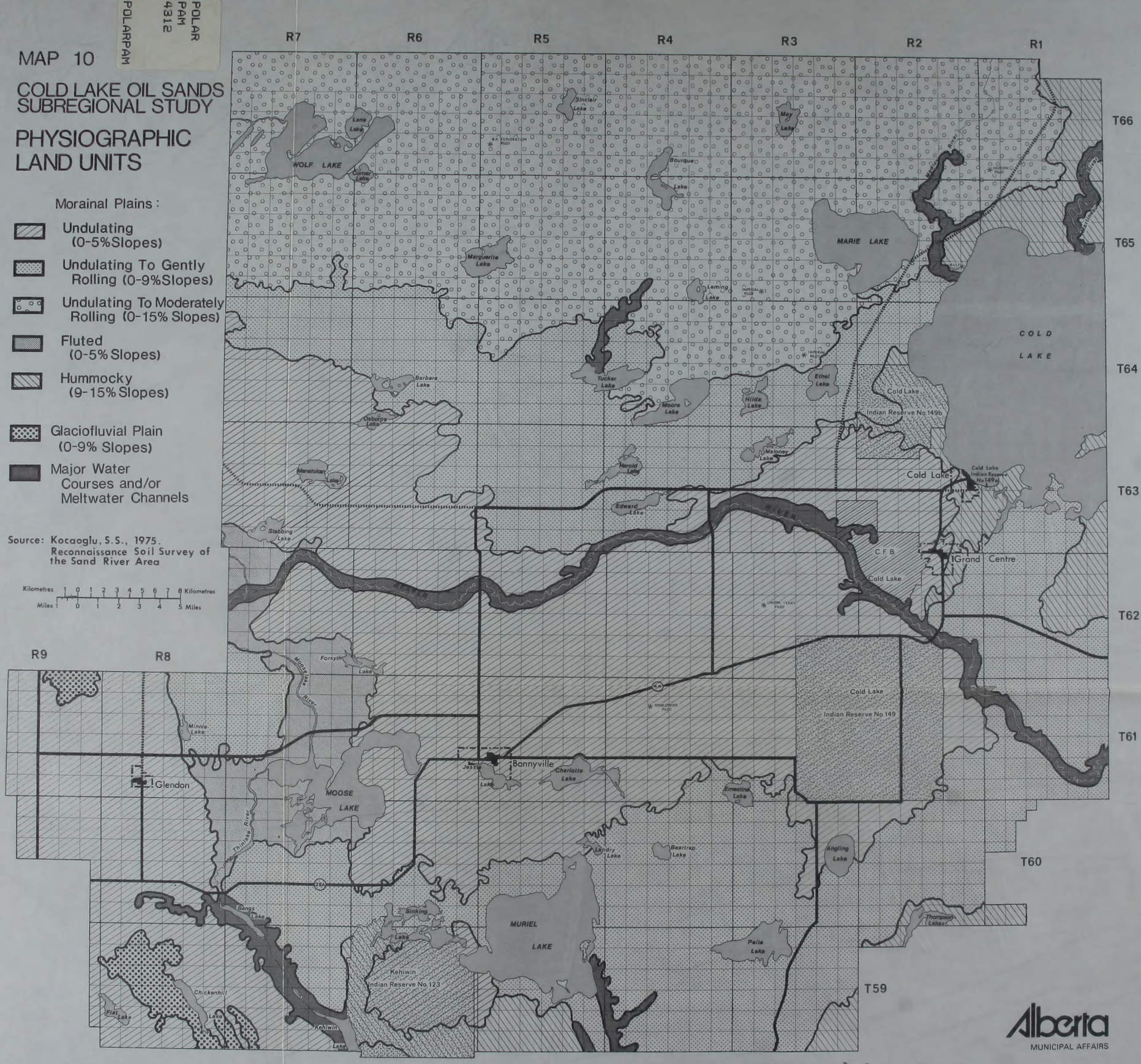
MAP 10

COLD LAKE OIL SANDS SUBREGIONAL STUDY

PHYSIOGRAPHIC LAND UNITS



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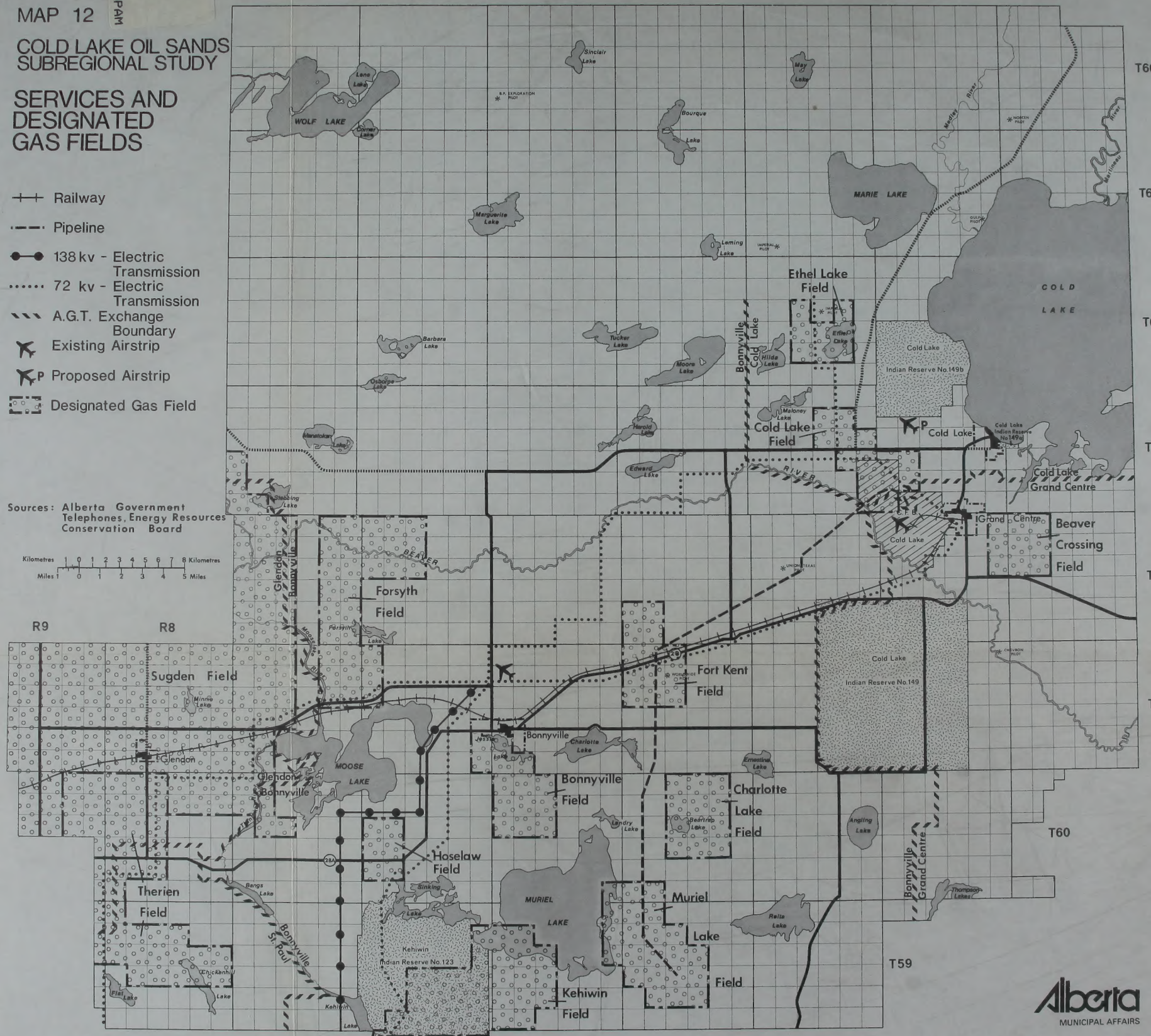
MAP 12

COLD LAKE OIL SANDS SUBREGIONAL STUDY

SERVICES AND DESIGNATED GAS FIELDS



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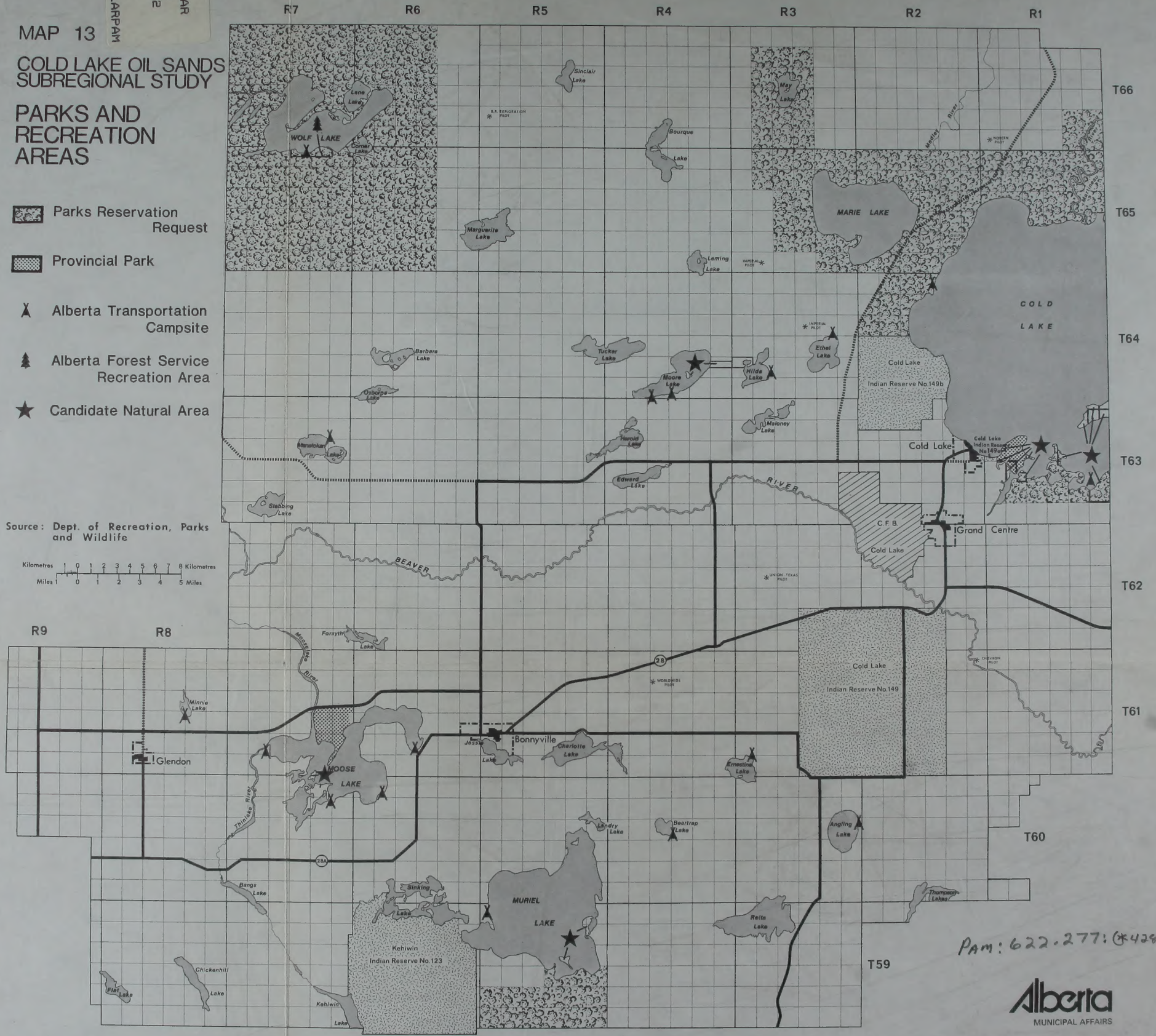
MAP 13

COLD LAKE OIL SANDS SUBREGIONAL STUDY

PARKS AND RECREATION AREAS

- Parks Reservation Request
- Provincial Park
- Alberta Transportation Campsite
- Alberta Forest Service Recreation Area
- Candidate Natural Area



Source: Dept. of Recreation, Parks and Wildlife

Kilometres 1 0 1 2 3 4 5 6 7 8 Kilometres
Miles 1 0 1 2 3 4 5 Miles

PAM: 622.277: (*428.1) Cold

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